

	DATA	A MATRIX			
Date: August 23, 2013		EPA Reg. No./File Symbol: 2749-560	Page 1	of 24	
Applicant's/Registrant's Name & A Aceto Agricultural Cl 4 Tri Harbor Court Port Washington, NY	nemicals Corp		Product Bifenthrin Technical MUP		
Ingredient: Bifenthrin			1		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Product Specific Data Re	quirements	T	T	T	T
830.1550	Product Identity and Composition	47902601 48167801	Aceto Agricultural Chemicals Corp.	OWN	
830.1600	Description of Materials Used to Produce the Product	47902601 48167801	Aceto Agricultural Chemicals Corp.	OWN	
830.1620	Description of Production Process	47902601 48167801	Aceto Agricultural Chemicals Corp.	OWN	
830.1650	Description of Formulation Process				Not required
830.1670	Discussion of Formation of Impurities	47902601 48167801	Aceto Agricultural Chemicals Corp.	OWN	
830.1700	Preliminary Analysis	47902602 48167802	Aceto Agricultural Chemicals Corp.	OWN	
830.1750	Certified Limits	47902601 48167801	Aceto Agricultural Chemicals Corp.	OWN	
830.1800	Enforcement Analytical Method	47902601	Aceto Agricultural Chemicals Corp.	OWN	
830.6302	Color	47902603 48167803	Aceto Agricultural Chemicals Corp.	OWN	
830.6303	Pnysical State	47902603 48167803	Aceto Agricultural Chemicals Corp.	OWN	
Signature	Scholat	Name and Title	ght, Authorized Representative	Date 8/23/1	3



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Applicant's/Registrant's Name & A Aceto Agricultural Cl 4 Tri Harbor Court Port Washington, NY	hemicals Corp		Product Bifenthrin Technical MUP		
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.6304	Odor	47902603 48167803	Aceto Agricultural Chemicals Corp.	OWN	
830.6313	Stability to Normal and Elevated Temperatures, Metals, and Metal lons	Cite-all		PAY	
830.6314	Oxidation/Reduction: Chemical Incompatibility	Cite-all		PAY	
830.6315	Flammability	47902603 48167803	Aceto Agricultural Chemicals Corp.	OWN	
830.6316	Explodability	47902603 48167803	Aceto Agricultural Chemicals Corp.	OWN	
830.6317	Storage Stability				
830.6319	Miscibility	1			Not required
830.6320	Corrosion Characteristics				
830.6321	Dielectric Breakdown Voltage				Not required
830.7000	рН	47902603 48167803	Aceto Agricultural Chemicals Corp.	OWN	
830.7050	UV/Visible Absorption	Cite-all		PAY	
830.7100	Viscosity				Not required
830.7200	Melting Point/Melting Range	47902603 48167803	Aceto Agricultural Chemicals Corp.	OWN	
830.7220	Boiling Point/Boiling Range				Not required
Signature	Hush	Name and Title John F. Wrig	ght, Authorized Representative	Date 8/23/1	

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Applicant's/Registrant's Name & A Aceto Agricultural Cl 4 Tri Harbor Court Port Washington, NY	hemicals Corp		Product Bifenthrin Technical MUP		
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7300	Density/Relative Density/Bulk Density	47902603 48167803	Aceto Agricultural Chemicals Corp.	OWN	
830.7370	Dissociation Constants in Water	Cite-all		PAY	
830.7520	Particle Size, fiber length, and diameter distribution				Not required
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method	Cite-all		PAY	
830.7560	Partition Coefficient (n-octanol/water), Generator Column Method				See 870.7550
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography	1			See 870.7550
830.7840	Water Solubility: Column Elution Method; Shake Flask Method	Cite-all		PAY	
830.7860	Water Solubility, Generator Column Method				See 870.7860
830.7950	Vapor Pressure	Cite-all		PAY	
870.1100	Acute Oral Toxicity: Rat	47902604	Aceto Agricultural Chemicals Corp.	OWN	
870.1200	Acute Dermal Toxicity: Rat	47902605	Aceto Agricultural Chemicals Corp.	OWN	
Signature	Almh	Name and Title	ght, Authorized Representative	Date 8/23/1	3

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Date: August 23, 2013 Applicant's/Registrant's Name & Address Aceto Agricultural Chemicals Corp 4 Tri Harbor Court Port Washington, NY 11050		EPA Reg. No./File Symbol: 2749-560	Page 4	of 24	
		Product Bifenthrin Technical MUP			
Ingredient: Bifenthrin			la company of the second of th		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
370.1300	Acute Inhalation Toxicity: Rat	47902606	Aceto Agricultural Chemicals Corp.	OWN	
870.2400	Primary Eye Irritation: Rabbit	47902607	Aceto Agricultural Chemicals Corp.	OWN	-
870.2500	Primary Dermal Irritation	47902608	Aceto Agricultural Chemicals Corp.	OWN	·
870.2600	Dermal Sensitization	47902609	Aceto Agricultural Chemicals Corp.	OWN	
Generic Data Requiremen	nts			-	
850.2100 (71-1)	Acute Avian Oral Toxicity	Cite-all		PAY	
350.2200 (71-2)	Avian Dietary Toxicity	Cite-all		PAY	
850.2300 (71-4)	Avian Reproduction	Cite-all		PAY	
850.2400 (71-3)	Wild Mammal Toxicity	Cite-all		PAY	
850.1075 (72-1)	Freshwater Fish Toxicity	Cite-all		PAY	
850.1010 (72-2)	Freshwater Invertebrate Toxicity	Cite-all		PAY	
850.1075 (72-3(a))	Estuarine/Marine Toxicity: Fish	ACC264646		OLD	
850.1025 (72-3(b))	Estuarine/Marine Toxicity: Mollusk	Cite-all		PAY	
850.1035, 850.1045. 850.1055 (72-3(c))	Estuarine/Marine Toxicity: Shrimp	49060102	Bifenthrin Task Force	OWN	
850.1300 (72-4)	Aquatic Invertebrate Life Cycle	41156501		OLD	1
			The same of the sa		
Signature	L. Jr. LD	Name and Title John F. Wrig	ht, Authorized Representative	8/23/1	3

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Ingredient: Bifenthrin		_	the same of the sa	
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status Note
850.1350	Chronic Mysid		Study in progress by Bifenthrin Task Force	OWN
850.1400; 850.1500	Fish Early Life Stage; Fish Full Life Cycle	40791301	Study in progress by Bifenthrin Task Force	OLD OWN
850.1710, 850.1730, 850.1850 (165-4)	Aquatic Organisms Bioavailability, Biomagnification, Toxicity	Cite-all		PAY
SS-1072	Chronic Leptocheirus		Study in progress by Bifenthrin Task Force	OWN
SS-1066	Chronic Hyalella		Study in progress by Bifenthrin Task Force	OWN
SS-1069	Chronic Chironomus		Study in progress by Bifenthrin Task Force	OWN
850.3020 (141-1)	Honeybee Acute Contact Toxicity	Cite-all		PAY
850.4100 (122-1(a))	Tie: 1: Sood Germination/Seedling	Cite-all		PAY
850.4150 (122-1(b))	Tier 1: Vegetative Vigor	Cite-all		PAY
850.4400 (122-2)	Tier 1: Aquatic Plant Growth	Cite-all		PAY
Signature	MARKE	Name and Title John F. Wrig	ht, Authorized Representative	Date 8/23/13

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Applicant's/Registrant's Name & Add Aceto Agricultural Che 4 Tri Harbor Court Port Washington, NY	micals Corp		Product Bifenthrin Technical MUP		
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.6000 (81-8)	Acute Neurotoxicity – Rat	44862102	FMC Corp. Agricultural Products Group	PER	See endnote
870.3100 (82-1)	90-Day Oral - Rodent	Cite-all		PAY	
870.3150 (82-1)	90-Day Oral - Non-Rodent	Cite-all		PAY	
870.3200 (82-2)	21/28-Day Dermal	00141198 45280501	FMC Corp. Agricultural Products Group	OLD PER	See endnote
870.3250 (82-3)	90-Day Dermal	48807401	Bifenthrin Task Force	OWN	
870.3465 (82-4)	90-Day Inhalation	Cite-all		PAY	
870.6200 (82-5)	90-Day Neurotoxicity - Rat	44862103	FMC Corp. Agricultural Products Group	PER	See endnote
870.4100 (83-1)	Chronic Oral - Rodent	Cite-all		PAY	10.22
870.4200	Carcinogenicity	Cite-all		PAY	
870.3700 (83-3)	Prenatal Developmental Toxicity	Cite-all		PAY	
870.3800 (83-4)	Reproduction and Fertility Effects	Cite-all		PAY	
870.6300	Developmental Neurotoxicity	46750501	FMC Corp. Agricultural Products Group	PER	See endnote ^{iv}
870.5100 (84-2(a))	Bacterial Reverse Mutation Assay	Cite-all		PAY	
870.5300, 870.5375 (84- 2(b))	In vitro Mammalian Cell Assay	Cite-all		PAY	
870.5385, 870.5395 (84-4)	In vivo Cytogenetics	Cite-all		PAY	
Signature	Hult	Name and Title John F. Wrig	ht, Authorized Representative	Date 8/23/1	3

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Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.7485 (85-1)	Metabolism and Pharmacokinetics	Cite-all	T	PAY	T
870.7600	Dermal Penetration	Cite-all		PAY	
870.7800	Immunotoxicity	49108801	Bifenthrin Task Force	OWN	
875.1100	Dermal Outdoor Exposure	Cite-All		PAY	-
875.1200	Dermal Indoor Exposure	Cite-All		PAY	
875.1300	Inhalation Outdoor Exposure	Cite-All		PAY	
875.1400	Inhalation Indoor Exposure	Cite-All		PAY	
875.2100	Dislodgeable Foliar Residue	Cite-All		PAY	
875.2200	Soil Residue Dissipation	Cite-All		PAY	
875.2300	Indoor Surface Residue Dissipation	Cite-All		PAY	
875.2400	Dermal Exposure	Cite-All		PAY	
875.2500	Inhalation Exposure	Cite-All		PAY	
835.2120 (161-1)	Hydrolysis	Cite-All		PAY	
835.2240 (161-2)	Photodegradation in Water	Cite-All		PAY	
835.2410 (161-3)	Photodey adation on Soil	Cite-All		PAY	

Signature	Name and Title John F. Wright, Authorized Representative	Date 8/23/13
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Applicant's/Registrant's Name & A Aceto Agricultural Cl 4 Tri Harbor Court Port Washington, NY	nemicals Corp		Product Bifenthrin Technical MUP		
Ingredient: Bifenthrin		Andrew			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
835.4100 (162-1)	Aerobic Soil Metabolism	48882502 AC073174 AC073225 AC141502 AC251278 AC254401 AC254411 AC264642 AC532540 00132540 00141202 00152266	FMC Corporation	PAY OLD	
835.4200 (162-2)	Anaerobic Soil Metabolism	48882503 00163088	FMC Corporation	PAY	
835.4400 (162-3)	Anaerobic Aquatic Metabolism		Study in progress by Bifenthrin Task	OWN	
835.4300 (162-4)	Aerobic Aquatic Metabolism	48882504	FMC Corporation	PAY	

Signature	001.04	Name and Title	Date
	AMA	John F. Wright, Authorized Representative	8/23/13

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Applicant's/Registrant's Name & Ado Aceto Agricultural Cher 4 Tri Harbor Court Port Washington, NY 1	micals Corp		Product Bifenthrin Technical MUP		
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
835.1230, 835.1240 (163-1)	Leaching and Adsorption/Desorption	00141203 (AC 254401) 00132541 (AC 251728) 49175401	Bifenthrin Task Force	OLD OLD OWN	
835.1410 (163-2)	Volatility - Laboratory	Cite-All		PAY	
835.8100	Volatility - Field				Not required
835.6100 (164-1)	Terrestrial Field Dissipation Study	Cite-All		PAY	
835.6200 (164-2)	Aquatic (Sediment) Field Dissipation Study				Not required
835.6300 (164-3)	Forestry Field Dissipation Study				Not required
N/A	ILV for Soil and Water	49024201 49168201	Bifenthrin Task Force Bifenthrin Task Force	OWN	
SS-1065	POTW Treatability Study	Cite-All		PAY	
SS-1099	Leachability from Treated Wood	47454101 47454102	FMC Corporation FMC Corporation	PAY PAY	
860.1100 (171-2)	Chemical Identity	47902601 48167801	Aceto Agricultural Chemicals Corp.	OWN	
Signature	Alwht	Name and Title John F. Wrig	ht, Authorized Representative	Date 8/23/1	3



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		Product Bifenthrin Technical MUP			
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1200 (171-3)	Directions for Use	See label	T		T
860.1300 (171-4(a))	Nature of the Residue in Plants	Cite-All		PAY	
860.1300 (171-4(b))	Nature of the Residue in Livestock	Cite-All		PAY	

Signature	N/a	T	
Signature	~ · · · · // //	Name and Title	Date
	MAXA, LLS	John F. Wright, Authorized Representative	8/23/13

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Applicant's/Registrant's Name & Address Aceto Agricultural Chemicals Corp 4 Tri Harbor Court Port Washington, NY 11050		Product Bifenthrin Technical MUP			
Ingredient Bifenthrin	The Sales of the S	The state of the s			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340 (171-4(c), (d))	Residue Analytical Methods	40257903 41492608 41858110 42357104 42357105 42733401 00163078 40257905 40384407 40384409 40384411 42927802 43641801 44165201 44455501 44455501 4445502 45377301 45350910	FMC Corp. Agricultural Products Group FMC Corp. Agricultural Products Group	OLD OLD OLD OLD OLD OLD OLD OLD OLD OLD	See endnote
830.1360	Multiresidue wethod	40257907 42357101		OLD OLD	See endnote ^{vi}
Signature	Strich	Name and Title John F. Wrig	ht, Authorized Representative	Date 8/23/1	3



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Date: August 23, 2013		EPA Reg. No./File Symbol: 2749-560	Page 1	2 of 24	
Applicant's/Registrant's Name & A Aceto Agricultural Cl 4 Tri Harbor Court Port Washington, NY	hemicals Corp	to in a a a the street with	Product Bifenthrin Technical MUP		
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1380 (171-4(e))	Storage Stability	Cite-All		PAY	
860.1400 (171-4(f))	Nature and Magnitude of the Residue - Water, Fish and Irrigated Crops	Oile-Ail		TAI .	Not required
860.1460	Magnitude of the Residue in Plants – Food Handling				Not required [™]
860.1480 (171-4(j))	Magnitude of the Residue in Meat, Milk, Poultry, and Eggs	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Artichokes	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Beets, Garden		See root and tuber vegetables		
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Brassica vegetables (5A and 5B)	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Caneberries	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Canola	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Cilantro	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Citrus	Cite-All		PAY	-
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Coriander	Cite-All		PAY	
Signature	Alegha	Name and Title John F. Wrig	ht, Authorized Representative	Date 8/23/1	3



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			Product Bifenthrin Technical MUP		
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Corn	40257908 41858103 41858108 41894602 41804603 44620602 44805701	FMC Corp. Agricultural Products Group FMC Corp. Agricultural Products Group	OLD OLD OLD OLD OLD PER PER	See endnote ^{ix}
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Cotton	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Crambe	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Cucurbits	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Fruiting Vegetables	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Grapes	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Herbs (19A)	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Hops	49167001	Bifenthrin Task Force	OWN	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Legume Vegetables	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Lettuce	Cite-All		PAY	
Signature	AMA	Name and Title John F. Wrig	ght, Authorized Representative	Date 8/23/1	3

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Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Mayhaw	Cite-All	T	PAY	T
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Okra	Cite-All		PAY	-
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Peanut	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Pear	45377302 45377303	FMC Corp. Agricultural Products Group FMC Corp. Agricultural Products Group	PER PER	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Pistachio	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Radish		See root and tuber vegetables		
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Rapeseed		See canola		
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Root and Tuber Vegetables	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Leaves of Root and Tuber Vegetables	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Soybean	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Spinach	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Strawberry	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Tobacco	Cite-All		PAY	
Signature	Hurlit	Name and Title John F. Wrig	ht, Authorized Representative	Date 8/23/1	3



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Applicant's/Registrant's Name & Address Aceto Agricultural Chemicals Corp 4 Tri Harbor Court Port Washington, NY 11050			Product Bifenthrin Technical MUP Page 15 of 24 Product		
Ingredient Bifenthrin			<u> </u>		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Tree Nuts	00151439 00162836 41492604 45377305	FMC Corp. Agricultural Products Group	OLD OLD OLD PER	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Tuberous and Corm Vegetables	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Turnip Greens	Cite-All		PAY	
860.1520 (171-4(1))	Magnitude of the Residue in Plants in Processed Food or Feed – Canola	Cite-All		PAY	
860.1520 (171-4(I))	Magnitude of Residue in Processed Food/Feed – Citrus	Cite-All		PAY	
860.1520 (171-4(I))	Magnitude of Residue in Processed Food/Feed – Corn	40257908 41858103 41858108 41894602 41804603 44620602 44805701	FMC Corp. Agricultural Products Group FMC Corp. Agricultural Products Group	OLD OLD OLD OLD OLD PER PER	See endnote
Signature	Alinh	Name and Title John F. Wrig	ht, Authorized Representative	Date 8/23/1	3



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Applicant's/Registrant's Name & Address Aceto Agricultural Chemicals Corp 4 Tri Harbor Court Port Washington, NY 11050		Product Bifenthrin Technical MUP			
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1520 (171-4(I))	Magnitude of Residue in Processed	Cite-All		PAY	
860.1520 (171-4(1))	Magnitude of Residue in Processed Food/Feed – Fruiting Vegetables	Cite-All		PAY	
860.1520 (171-4(1))	Magnitude of Residue in Processed Food/Feed – Legume Vegetables	Cite-All		PAY	
860.1520 (171-4(1))	Magnitude of Residue in Processed Food/Feed – Peanuts	Cite-All		PAY	
860.1520 (171-4(1))	Magnitude of Residue in Processed Food/Feed – Root & Tuber Vegetables	Cite-All		PAY	
860.1520 (171-4(I))	Magnitude of Residue in Processed Food/Feed – Soybeans	Cite-All		PAY	
860.1850 (165-1)	Confined Crop Rotation Study	Cite-All		PAY	
860.1900 (165-2)	Field Rotational Crop	Cite-All		PAY	
201-1	Droplet Size Spectrum	Cite-All		PAY	
202-1	Droplet Size Spectrum	Cite-All		PAY	

Signature Name and Title Date John F. Wright, Authorized Representative 8/23/13

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Applicant's/Registrant's Name & Address Aceto Agricultural Chemicals Corp 4 Tri Harbor Court Port Washington, NY 11050			Product Bifenthrin Technical MUP		
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
810.3100	Soil Treatments for Imported Fire Ants	44021901 44638801 45239501 45367001	FMC Corporation	PER	
890.1100	Amphibian Metamorphosis (Rat)	48675901	Bifenthrin Task Force	OWN	
890.1150	Androgen Receptor Binding (Rat Prostate)	48615001	Bifenthrin Task Force	OWN	
890.1200	Aromatase (Human Recombinant)	48615002	Bifenthrin Task Force	OWN	
890.1250	Estrogen Receptor Binding	48615003 48843501	Bifenthrin Task Force Bifenthrin Task Force	OWN	
890.1300	Estrogen Receptor Transcriptional Activation Assay	48615004	Bifenthrin Task Force	OWN	
890.1350	Fish Short-Term Reproduction	48675902	Bifenthrin Task Force	OWN	
890.1400	Hershberga; (Rat)	48615005	Bifenthrin Task Force	OWN	
890.1450	Fomale Pubertal (Rat)	48669401	Bifenthrin Task Force	OWN	
890.1500	Male Pubertal (Rat)	48669401	Bifenthrin Task Force	OWN	
890.1550	Steroidogenesis	48615006	Bifenthrin Task Force	OWN	
Signature	Alaka	Name and Title John F. Wrig	ht, Authorized Representative	Date 8/23/1	3



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Applicant's/Registrant's Name & Address Aceto Agricultural Chemicals Corp 4 Tri Harbor Court Port Washington, NY 11050			Product Bifenthrin Technical MUP			
Ingredient: Bifenthrin				Sec.	*****	
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	
890.1600	Uterotrophic (Rat)	48615007	Bifenthrin Task Force	OWN		
	als Corp will make offers-to-pay to the following 2013 Data Submitters List for Bifenthrin Cite-All under Selective Method utilized by		Nufarm Americas Inc.	PAY		
	Aceto Agricultural Chemicals Corp			1000000		
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		The Scotts Company d/b/a The Ortho Group	PAY		
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		FMC Corp. Agricultural Products Group	PER		
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Bayer Environmental Science	PAY		
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Whitmire Micro-Gen Research Laboratories	PAY		
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		The Scotts Company	PAY		
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		McLaughlin Gormley King Co	PAY		
Signature	Sellhot	Name and Title John F. Wrig	ht, Authorized Representative	Date 8/23/13	3	

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Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Fuller System, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Winfield Solutions, LLC	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Sergeant's Pet Care Products, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		SC Johnson & Son, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		AMVAC Chemical Corporation	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Helena Chemical Co.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Southern States Cooperative, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Nippon Soda Co. Ltd.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		The Andersons Lawn Fertilizer Division	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Sunniland Corporation	PAY	
Signature	Alnah	Name and Title John F. Wrig	ht, Authorized Representative	Date 8/23/1	3



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Date: August 23, 2013			EPA Reg. No./File Symbol: 2749-560	Page 20	of 24
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Ingredient: Bifenthrin			h and company		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Chemsico	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Lesco Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Makhteshim Chemical Works Ltd.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Loveland Products, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Howard Fertilizer & Chemical Co., Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Albaugh, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		BASF Sparks LLC	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Control Solutions, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Arizona Chemical Group, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Pyrethroid Working Group	PAY	
Signature	Alash	Name and Title John F. Wrig	ht, Authorized Representative	Date 8/23/13	3



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Date: August 23, 2013 Applicant's/Registrant's Name & Address Aceto Agricultural Chemicals Corp 4 Tri Harbor Court Port Washington, NY 11050		EPA Reg. No./File Symbol: 2749-560	Page 2	1 of 24	
		Product Bifenthrin Technical MUP			
Ingredient: Bifenthrin				-	
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Makhteshim-Agan of North America, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Arysta Lifescience North America	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Spray Drift Task Force	PER	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Bengal Products Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		United Phosphorus, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Outdoor Residential Exposure Task Force	PER	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Agricultural Reentry Task Force	PER	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Sapstain Industry Group	PAY	
	Aceto Agricultural Chemicals Corp		Nondietary Exposure Task Force	PAY	
	Cite-All under Selective Method utilized by Acato Agricultural Chemicals Corp		Univar USA Inc.	PAY	
Signature	Haht	Name and Title John F. Wrig	pht, Authorized Representative	Date 8/23/1	3

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Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		FIFRA Endangered Species Task Force	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Residential Exposure Joint Venture	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Atex, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Agricultural Handlers Exposure Task Force	PER	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Osmose Utilities Services, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Ensystex II, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Direct AG Source, LLC	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Tacoma Ag, LLC	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Ensystex IV, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Wet & Forget USA Ltd.	PAY	
Signature	Alusti	Name and Title John F. Wrig	ght, Authorized Representative	Date 8/23/1	3



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	DA	TA MATRIX			
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Applicant's/Registrant's Name & A Aceto Agricultural Cl 4 Tri Harbor Court Port Washington, NY	nemicals Corp		Product Bifenthrin Technical MUP		
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			As a second of the second of t		
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp	T	Generic Endangered Species Task Force	PER	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Kaizen Technologies, LLC	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Bifenthrin Task Force Steering Committee	OWN	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Liberty Crop Protections, LLC	PAY	

^{870.600 (81-8) -} The study cited is listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. This is also reiterated in an April 2, 2008 HED memo (D379758).

^{870.3200 (82-2) -} The studies cited are listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. This is also reiterated in an April 2, 2008 FED memo (D379758).

[&]quot;870.6200 (82-5) - The study cired is listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. This is also reiterated in an April 2, 2008 HED mano (D379758).

No.6300 - The study cited is listed in an April 2, 2008 HED memo (D379758) as being acceptable and fully satisfying the data requirement...



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Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

^{* 860.1340 (171-4(}c), (d)) - The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230). 45377301 and 45350910 were cited to support use on citrus and tree nuts, respectively.

Signature	Name and Title John F. Wright, Authorized Representative	Date 8/23/13
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^{860.1360 -} The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).

vii 860.1400 - These data are not required as per an EPA memo dated Oct. 17, 2002.

^{*** 860.1460 -} These data are not required as per an EPA memo dated Oct. 17, 2002. In addition, Bifenthrin Technical is not labeled for formulation into end-use products for use in food handling establishments.

^{*860.1520 -} Corn - The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).

^{* 860.1500 -} Corn - The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).



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Ingredient: Bifenthrin								
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note			

roduct Specific Data Requirements	Aceto Agricultural Chemicals Corp.	OWN	
	Aceto Agricultural Chemicals Corp.	OWN	
	Aceto Agricultural Chemicals Corp.	OWN	1
			Not required
	Aceto Agricultural Chemicals Corp.	OWN	
	Aceto Agricultural Chemicals Corp.	OWN	
	Aceto Agricultural Chemicals Corp.	OWN	
	Aceto Agricultural Chemicals Corp.	CAN	
	Aceto Agricultural Chemicals Corp.	OW:N	
	Aceto Agricultural Chemicals Corp.	OWN	

Signature	Name and Title John F. Wright, Authorized Representative	Pate 8/23/13
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Applicant's/Registrant's Name & A Aceto Agricultural Ch 4 Tri Harbor Court Port Washington, NY	nemicals Corp		Product Bifenthrin Technical MUP		
ngredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Aceto Agricultural Chemicals Corp.	OWN	
				PAY	
				PAY	
	LEG BOOK TRANSPORT		Aceto Agricultural Chemicals Corp.	OWN	
			Aceto Agricultural Chemicals Corp.	OWN	
	Hadden Hebb				Not required
		108			Not required
			Aceto Agricultural Chemicals Corp.	OWN	
				PAY	
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				Not required
1613-11-11-11		A COLOR	Aceto Agricultural Chemicals Corp.	OWN	
ATTACK THE WARREN	31300000000000000000000000000000000000				Not required
Signature	Sulph	Name and Title John F. Wrig	ht, Authorized Representative	Date 8/23/1	3



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Date: August 23, 2013			EPA Reg. No./File Symbol: 2749-560	Page 3	of 24
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Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

		The second second		Aceto Agricultural Chemicals Corp.	OWN	
					PAY	
						Not required
					PAY	
						See 870.7550
						See 870.7550
					PAY	
				A		See 870.7860
					PAY	
				Aceto Agricultural Chemicals Corp.	OWN	
15-15-16 - 15-16-16 -	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	四種。日本學	AND THE PARTY OF THE PARTY.	Aceto Agricultural Chemicals Corp.	OWN	

Signature 0 0	Name and Title	Cate	
Lixux	John F. Wright, Authorized Representative	8/23/13	



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			Product Bifenthrin Technical MUP				
ngredient: Bifenthrin							
Guideline Reference Number	Guideline Study Name			MRID Number	Submitter	Status	Note
					Aceto Agricultural Chemicals Corp.	OWN	Par - al-
				1011111111	Aceto Agricultural Chemicals Corp.	OWN	
					Aceto Agricultural Chemicals Corp.	OWN	
					Aceto Agricultural Chemicals Corp.	OWN	
		004514				_	
						PAY	
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11 1		CONTRACTOR OF THE PARTY OF THE		THE REAL PROPERTY.		PAY	
STATE OF THE STATE OF	The second second			DE E		PAY	
	A STATE OF STATE					PAY	
	Harris Inc.					PAY	
	T T T T T T T T T			18 TO 18		OLD	
						PAY	
					Bifenthrin Task Force	OWN	
						OLD	

Signature

Name and Title

John F. Wright, Authorized Representative

Date 8/23/13



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Date: August 23, 2013 Applicant's/Registrant's Name & Address Aceto Agricultural Chemicals Corp 4 Tri Harbor Court Port Washington, NY 11050		EPA Reg. No./File Symbol: 2749-560	Page 5	of 24	
		Product Bifenthrin Technical MUP			
ngredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Study in progress by Bifenthrin Task Force	OWN	
			Study in progress by Bifenthrin Task Force	OLD	
				PAY	
	PART THE STATE OF		Study in progress by Bifenthrin Task Force	OWN	
	Fig. 1. Sept. 19		Study in progress by Bifenthrin Task Force	OWN	
			Study in progress by Bifenthrin Task Force	OWN	
				PAY	
			107.1	PAY	
				PAY	
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Signature	Hush	Name and Title John F. Wrig	ht, Authorized Representative	Date 8/23/13	



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Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

FMC Corp. Agricultural Products Group	PER	See endnote
	PAY	
	PAY	
FMC Corp. Agricultural Products Group	OLD PER	See endnote
Bifenthrin Task Force	OWN	
	PAY	
FMC Corp. Agricultural Products Group	PER	See endnote th
はながる EPFのEST NEW PERSON NEW PER	PAY	
	PAY	
	PAY	
	PAY	
FMC Corp. Agricultural Products Group	PER	See endnote ^{iv}
	PAY	
	PAY	
ABBORNE CLASS OF THE RESERVE TO THE PROPERTY OF THE PROPERTY O	PAY	

Signature

Name and Title

John F. Wright, Authorized Representative

Date 8/23/13



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Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Numbe	r Submitter	Status	Note
事物 一十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二		SERVICE STREET		PAY	
				PAY	
			Bifenthrin Task Force	OWN	
			Bifenthrin Task Force	OWN	
			Bifenthrin Task Force	OWN	
			Bifenthrin Task Force	PAY PAY	
			Bifenthrin Task Force	PAY PAY PAY	
			Bifenthrin Task Force	PAY PAY PAY PAY	
			Bifenthrin Task Force	PAY PAY PAY PAY PAY	
			Bifenthrin Task Force	PAY PAY PAY PAY PAY PAY	
			Bifenthrin Task Force	PAY PAY PAY PAY PAY	

Signature	$\bigcirc 0$, $\bigcirc \bigcirc$	Name and Title	Date
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Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			FMC Corporation	PAY OLD OLD OLD OLD OLD OLD OLD OLD OLD	
			FMC Corporation	PAY	

Signature	terland A	Name and Title John F. Wright, Authorized Representative	Date 8/23/13	

Study in progress by Bifenthrin Task

Force

FMC Corporation

OWN

PAY



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Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

			Bifenthrin Task Force Bifenthrin Task Force Bifenthrin Task Force	OLD OWN PAY PAY OWN OWN	Not required Not required Not required
			FMC Corporation FMC Corporation	PAY PAY PAY	
			Aceto Agricultural Chemicals Corp.	OWN	
Signature	Aucht	Name and Title John F. Wrig	ht, Authorized Representative	Date 8/23/1	3



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Aceto Agricultural Chemicals Corp 4 Tri Harbor Court			
Ingredient: Bifenthrin			
Guideline Reference Number Guideline Study Name MRID Number	ber Submitter	Status	Note

Signature	Mr. Pd	Name and Title John F. Wright, Authorized Representative	Date 8/23/13
	MANA	John T. Wilght, Authorized Representative	0/25/15

Form Approved OMB No. 2070-0060



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

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		DATA MATRIX			
Date: August 23, 2013		EPA Reg. No./File Symbol: 2749-560	Page 11 of 24		
Applicant's/Registrant's Name & A Aceto Agricultural Ch 4 Tri Harbor Court Port Washington, NY	nemicals Corp	Product Bifenthrin Technical MUP			
ngredient: Bifenthrin				-	
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			FMC Corp. Agricultural Products Group FMC Corp. Agricultural Products Group FMC Corp. Agricultural Products Group FMC Corp. Agricultural Products Group FMC Corp. Agricultural Products Group	OLD	See endnote
Signature	Allot		Name and Title John F. Wright, Authorized Representative		

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		DAT	A MATRIX	9 9	2	
Date: August 23, 2013				EPA Reg. No./File Symbol: 2749-560	Page 1	2 of 24
Applicant's/Registrant's Name & A Aceto Agricultural Ch 4 Tri Harbor Court Port Washington, NY	emicals Corp	Product Bifenthrin Technical MUP				
ngredient: Bifenthrin						
Guideline Reference Number	Guideline Study Name		MRID Number	Submitter	Status	Note
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Signature	0	\$168A	Name and Title John F. Wrig	ht, Authorized Representative	Date 8/23/1	3

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		DATA MATRIX			
Date: August 23, 2013			EPA Reg. No./File Symbol: 2749-560	Page 1	3 of 24
Applicant's/Registrant's Name & A Aceto Agricultural C 4 Tri Harbor Court Port Washington, NY	nemicals Corp		Product Bifenthrin Technical MUP		
ngredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			FMC Corp. Agricultural Products Group FMC Corp. Agricultural Products Group	OLD OLD OLD OLD OLD PER PER PAY PAY PAY PAY	See endnote ^M
Signature	Sluld	Name and Title John F. Wrig	ht, Authorized Representative	Date 8/23/1	3



		DA	TA MATRIX		S ARRE	
Date: August 23, 2013				EPA Reg. No./File Symbol: 2749-560	Page 1	4 of 24
Applicant's/Registrant's Name & A Aceto Agricultural Ch 4 Tri Harbor Court Port Washington, NY	nemicals Corp			Product Bifenthrin Technical MUP		
Ingredient: Bifenthrin						****
Guideline Reference Number	Guideline Study Name		MRID Number	Submitter	Status	Note
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Signature		Alaska.	Name and Title John F. Wrig	ht, Authorized Representative	Date 8/23/1	3



		DA	TA MATRIX			
Date: August 23, 2013			H-H	EPA Reg. No./File Symbol: 2749-560	Page 1	5 of 24
Applicant's/Registrant's Name & A Aceto Agricultural Cl 4 Tri Harbor Court Port Washington, NY	hemicals Corp			Product Bifenthrin Technical MUP		
Ingredient: Bifenthrin						
Guideline Reference Number	Guideline Study Name		MRID Number	Submitter	Status	Note
				FMC Corp. Agricultural Products Group	OLD OLD OLD PER PAY	
					PAY	
				FMC Corp. Agricultural Products Group FMC Corp. Agricultural Products Group	OLD OLD OLD OLD GLD PER PER	See endnote
Signature	PH 14	Pol-	Name and Title John F. Wrig		Date 8/23/1	3



		DATA	MATRIX			
Date: August 23, 2013				EPA Reg. No./File Symbol: 2749-560	Page 1	6 of 24
Applicant's/Registrant's Name & A Aceto Agricultural Ch 4 Tri Harbor Court Port Washington, NY	nemicals Corp		New York	Product Bifenthrin Technical MUP		
Ingredient: Bifenthrin						
Guideline Reference Number	Guideline Study Name	The second	MRID Number	Submitter	Status	Note
	10:32 10:55 10				PAY	
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Signature			Name and Title			



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Pate: August 23, 2013		***************************************		
			EPA Reg. No./File Symbol: 2749-560	Page 17 of 24
pplicant's/Registrant's Name & Add Aceto Agricultural Cher 4 Tri Harbor Court Port Washington, NY 1	micals Corp		Product Bifenthrin Technical MUP	
ngredient: Bifenthrin				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status Note
			FMC Corporation	PER
			Bifenthrin Task Force Bifenthrin Task Force	OWN
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	DAT	A MATRIX	2 3		
Date: August 23, 2013			EPA Reg. No./File Symbol: 2749-560	Page 18	of 24
Applicant's/Registrant's Name & Aceto Agricultural C 4 Tri Harbor Court Port Washington, N	hemicals Corp		Product Bifenthrin Technical MUP		
Ingredient: Bifenthrin					77
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
890.1600	Uterotrophic (Rat)	48615007	Bifenthrin Task Force	OWN	
	als Corp will make offers-to-pay to the following 2013 Data Submitters List for Bifenthrin				
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Nufarm Americas Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		The Scotts Company d/b/a The Ortho Group	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		FMC Corp. Agricultural Products Group	PER	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Bayer Environmental Science	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Whitmire Micro-Gen Research Laboratories	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		The Scotts Company	PAY	
	Cite-All under Selective Method utilized by		McLaughlin Gormley King Co	PAY	

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	DAT	A MATRIX			
Date: August 23, 2013			EPA Reg. No./File Symbol: 2749-560	Page 19 of 24	
Applicant's/Registrant's Name & Address Aceto Agricultural Chemicals Corp 4 Tri Harbor Court Port Washington, NY 11050			Product Bifenthrin Technical MUP		
Ingredient Bifenthrin				*	
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Fuller System, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Winfield Solutions, LLC	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Sergeant's Pet Care Products, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		SC Johnson & Son, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		AMVAC Chemical Corporation	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Helena Chemical Co.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Southern States Cooperative, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Nippon Soda Co. Ltd.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		The Andersons Lawn Fertilizer Div:sicn	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Sunniland Corporation	PAY	
Signature	Christ	Name and Title John F. Wrig	ght, Authorized Representative	Date 8/23/13	

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	DAT	A MATRIX		1 0000	
Date: August 23, 2013			EPA Reg. No./File Symbol: 2749-560	Page 2	0 of 24
Applicant's/Registrant's Name & A Aceto Agricultural Ch 4 Tri Harbor Court Port Washington, NY	hemicals Corp		Product Bifenthrin Technical MUP		
ngredient: Bifenthrin			L union to the contract of the		TOWN THE TAX
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Chemsico	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Lesco Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Makhteshim Chemical Works Ltd.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Loveland Products, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Howard Fertilizer & Chemical Co., Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Albaugh, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		BASF Sparks LLC	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Control Solutions, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Arizona Chemical Group, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Pyrethroid Working Group	PAY	
Signature	Heishit	Name and Title John F. Wrig	ht, Authorized Representative	Date 8/23/1	3

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	DAT	A MATRIX			
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Applicant's/Registrant's Name & A Aceto Agricultural Ch 4 Tri Harbor Court Port Washington, NY	nemicals Corp		Product Bifenthrin Technical MUP		
Ingredient: Bifenthrin		200			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
The second secon	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Makhteshim-Agan of North America, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Arysta Lifescience North America	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Spray Drift Task Force	PER	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Bengal Products Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		United Phosphorus, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Outdoor Residential Exposure Task Force	PER	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Agricultural Reentry Task Force	PER	10.00
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Sapstain Industry Group	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Nondietary Exposure Task Force	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Univar USA Inc.	PAY	
Signature	Hush	Name and Title John F. Wrig	pht, Authorized Representative	Date 8/23/13	



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	DAT	A MATRIX	The state of the s	5 0000	
Date: August 23, 2013			EPA Reg. No./File Symbol: 2749-560	Page 2	2 of 24
Applicant's/Registrant's Name & A Aceto Agricultural Cl 4 Tri Harbor Court Port Washington, NY	nemicals Corp		Product Bifenthrin Technical MUP		
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		FIFRA Endangered Species Task	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Residential Exposure Joint Venture	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Atex, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Agricultural Handlers Exposure Task Force	PER	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Osmose Utilities Services, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Ensystex II, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Direct AG Source, LLC	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Tacoma Ag, LLC	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Ensystex IV, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Wet & Forget USA Ltd.	PAY	
Signature	Alxhala	Name and Title John F. Wrig	ht, Authorized Representative	Date 8/23/1	3

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DATA MATRIX Date: August 23, 2013 EPA Reg. No./File Symbol: 2749-560 Page 23 of 24 Applicant's/Registrant's Name & Address Product Aceto Agricultural Chemicals Corp 4 Tri Harbor Court Bifenthrin Technical MUP Port Washington, NY 11050 Ingredient: Bifenthrin Guideline Reference Number Guideline Study Name MRID Number Submitter Status Note Cite-All under Selective Method utilized by Generic Endangered Species Task PER Aceto Agricultural Chemicals Corp Force Cite-All under Selective Method utilized by Kaizen Technologies, LLC PAY Aceto Agricultural Chemicals Corp Cite-All under Selective Method utilized by Bifenthrin Task Force Steering OWN Aceto Agricultural Chemicals Corp Committee Cite-All under Selective Method utilized by Liberty Crop Protections, LLC PAY Aceto Agricultural Chemicals Corp

THICK Y WA	Signature	Name and Title John F. Wright, Authorized Representative	Date 8/23/13
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^{870.600 (81-8) -} The study cited is listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. This is also reiterated in an April 2, 2008 HED memo (D379758).

^{870.3200 (82-2) -} The studies cited are listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. This is also reiterated in an April 2, 2008 HED memo (D379758).

[&]quot;870.6200 (82-5) - The study cited is listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. This is also reiterated in an April 2, 2008 HED memo (D379758).

^{* 870.6300 -} The study cited is listed in an April 2, 2008 HED memo (D379758) as being acceptable and fully satisfying the data requirement...



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		DATA MATRIX	3 3		
Date: August 23, 2013			EPA Reg. No./File Symbol: 2749-560	Page 2	of 24
Applicant's/Registrant's Name & A Aceto Agricultural Ct 4 Tri Harbor Court Port Washington, NY	nemicals Corp		Product Bifenthrin Technical MUP		
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

^{*860.1340 (171-4(}c), (d)) - The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230). 45377301 and 45350910 were cited to support use on citrus and tree nuts, respectively.

- * 860.1520 Corn The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).
- * 860.1500 Corn The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).

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Signature	\sim \sim \sim \sim \sim	Name and Title	Date
7945	ALXIVA	John F. Wright, Authorized Representative	8/23/13
	TIVIVIV		And the second s

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^{** 860.1360 -} The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).

^{** 860.1400 -} These data are not required as per an EPA memo dated Oct. 17, 2002.

^{860.1460 -} These data are not required as per an EPA memo dated Oct. 17, 2002. In addition, Bifenthrin Technical is not labeled for formulation into end-use products for use in food handling establishments.



Washington, DC 20460. Do not se	and the completed form to this address.				
	DATA	A MATRIX			
Date: October 30, 2009		EPA Reg. No./File Symbol: 2749-XXX	Page 1 of 19		
Applicant's/Registrant's Name & A Aceto Agricultural Ch One Hollow Lane Lake Success, NY 1	nemicals Corp		Product Bifenthrin Technical		
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Product Specific Data Rec	quirements				
830.1550	Product Identity and Composition				
830.1600	Description of Materials Used to Produce the Product				
830.1620	Description of Production Process				
830.1650	Description of Formulation Process				Not Applicable
830.1670	Discussion of Formation of Impurities				
830.1700	Preliminary Analysis				
830.1750	Certified Limits				
830.1800	Enforcement Analytical Method				7
830.6302	Color				
830.6303	Physical State				
830.6304	Odor				
830.6313	Stability to Normal and Elevated Temperatures, Metals, and Metal Ions	Cite-all		PAY	
830.6314	Oxidation/Reduction: Chemical Incompatibility	Cite-all		PAY	
830.6315	Flammability				Not Applicable
830.6316	Explodability				Not Applicable
830.6317	Storage Stability				
Signature	Alyhl	Name and Title John F. Wrigh	nt, Authorized Representative for Aceto	Date Octobe	er 30, 2009



	DAT	A MATRIX			
Date: October 30, 2009	Date: October 30, 2009			Page 2	2 of 19
Applicant's/Registrant's Name & A	Address		Product		
Aceto Agricultural Chemicals Corp One Hollow Lane Lake Success, NY 11042			Bifenthrin Technical		
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
000 0040	I AA' 15 1976		1		TAT . A . P. 11
830.6319	Miscibility				Not Applicable
830.6320	Corrosion Characteristics				Mat A B b l -
830.6321	Dielectric Breakdown Voltage	-			Not Applicable
830.7000	pH	Cite all		DAY	Not Applicable
830.7050	UV/Visible Absorption	Cite-all		PAY	Not Applicable
830.7100	Viscosity				Not Applicable
830.7200 830.7220	Melting Point/Melting Range	-		_	Nat Applicable
830.7300	Boiling Point/Boiling Range Density/Relative Density/Bulk Density			-	Not Applicable
830.7370	Dissociation Constants in Water	Cite-all		PAY	
830.7520	Particle Size, fiber length, and diameter distribution	Cite-all		FAI	Not Applicable
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method	Cite-all		PAY	
830.7560	Partition Coefficient (n-octanol/water), Generator Column Method				See 870.7550
830.7570	Partition Coefficient (n-octanol/water), Estimation by Liquid Chromatography				See 870.7550
830.7840	Water Solubility: Column Elution Method; Shake Flask Method	Cite-all		PAY	
Signature	Sculit	Name and Title John F. Wrigh	nt, Authorized Representative for Aceto	Date Octobe	er 30, 2009



vvasnington, DC 20460. Do not se	end the completed form to this address.				
	DAT	A MATRIX			
Date: October 30, 2009 Applicant's/Registrant's Name & Address Aceto Agricultural Chemicals Corp One Hollow Lane Lake Success, NY 11042			EPA Reg. No./File Symbol: 2749-XXX	Page 3 of 19	
		Product Bifenthrin Technical			
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
830.7860	Water Solubility, Generator Column Method				See 870.7840
830.7950	Vapor Pressure	Cite-all		PAY	
870.1100	Acute Oral Toxicity: Rat	Cite-all		PAY	
870.1200	Acute Dermal Toxicity: Rat	Cite-all		PAY	
870.1300	Acute Inhalation Toxicity: Rat	Cite-all		PAY	
870.2400	Primary Eye Irritation: Rabbit	Cite-all		PAY	
870.2500	Primary Dermal Irritation	Cite-all		PAY	
870.2600	Dermal Sensitization	Cite-all		PAY	
Generic Data Requiremen	its				
850.2100 (71-1)	Acute Avian Oral Toxicity	Cite-all		PAY	
850.2200 (71-2)	Avian Dietary Toxicity	Cite-all		PAY	
350.2300 (71-4)	Avian Reproduction	Cite-all		PAY	
350.2400 (71-3)	Wild Mammal Toxicity	Cite-all		PAY	
850.1075 (72-1)	Freshwater Fish Toxicity	Cite-all		PAY	
350.1010 (72-2)	Freshwater Invertebrate Toxicity	Cite-all		PAY	
850.1075 (72-3(a))	Estuarine/Marine Toxicity: Fish	Cite-all		PAY	
Signature	Alyht	Name and Title John F. Wrigl	nt, Authorized Representative for Aceto	Date Octobe	er 30, 2009



		DATA MATRIX			
Date: October 30, 2009	Date: October 30, 2009			Page 4 of 19	
	Applicant's/Registrant's Name & Address		Product		
Aceto Agricultural Ci One Hollow Lane Lake Success, NY 1			Bifenthrin Technical		
Ingredient: Bifenthrin		V-14-8-17-11-10			
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
850.1025 (72-3(b))	Estuarine/Marine Toxicity: Mollusk	Cite-all	1	PAY	
850.1035, 850.1045. 850.1055 (72-3(c))	Estuarine/Marine Toxicity: Shrimp	Cite-all		PAY	
850.1300 (72-4)	Aquatic Invertebrate Life Cycle	Cite-all		PAY	
850.1500 (72-5)	Fish Life Cycle	Cite-all		PAY	
850.1710, 850.1730, 850.1850 (165-4)	Aquatic Organisms Bioavailability, Biomagnification, Toxicity	Cite-all		PAY	
850.3020 (141-1)	Honeybee Acute Contact Toxicity	Cite-all		PAY	
850.4100 (122-1(a))	Tier 1: Seed Germination/Seedling Emergence	Cite-all		PAY	
850.4150 (122-1(b))	Tier 1: Vegetative Vigor	Cite-all		PAY	
850.4400 (122-2)	Tier 1: Aquatic Plant Growth	Cite-all		PAY	
870.6000 (81-8)	Acute Neurotoxicity – Rat	44862102	FMC Corp. Agricultural Products Group	PAY	See endnote
870.3100 (82-1)	90-Day Oral - Rodent	Cite-all		PAY	
870.3150 (82-1)	90-Day Oral - Non-Rodent	Cite-all		PAY	

Signature	2/1/0/	Name and Title	Date
	Allesta	John F. Wright, Authorized Representative for Aceto	October 30, 2009



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Applicant's/Registrant's Name & Address Aceto Agricultural Chemicals Corp One Hollow Lane Lake Success, NY 11042		Product Bifenthrin Technical			
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
870.3200 (82-2)	21/28-Day Dermal	00141198 45280501	FMC Corp. Agricultural Products Group	OLD PAY	See endnote
870.3250 (82-3)	90-Day Dermal	See 870.3200			
870.3465 (82-4)	90-Day Inhalation	Cite-all	(10)	PAY	
870.6200 (82-5)	90-Day Neurotoxicity - Rat	44862103	FMC Corp. Agricultural Products Group	PAY	See endnote"
870.4100 (83-1)	Chronic Oral – Rodent	Cite-all		PAY	
870.4200	Carcinogenicity	Cite-all		PAY	
870.3700 (83-3)	Prenatal Developmental Toxicity	Cite-all		PAY	
870.3800 (83-4)	Reproduction and Fertility Effects	Cite-all		PAY	
870.6300	Developmental Neurotoxicity	46750501	FMC Corp. Agricultural Products Group	PAY	See endnote ^{iv}
870.5100 (84-2(a))	Bacterial Reverse Mutation Assay	Cite-all		PAY	
870.5300, 870.5375 (84- 2(b))	In vitro Mammalian Cell Assay	Cite-all		PAY	
870.5385, 870.5395 (84-4)	In vivo Cytogenetics	Cite-all	F-10-1	PAY	
870.7485 (85-1)	Metabolism and Pharmacokinetics	Cite-all		PAY	
870.7600	Dermal Penetration	Cite-all		PAY	
870.7800	Immunotoxicity				See endnote ^v
Signature	Dushit	Name and Title John F. Wrigh	nt, Authorized Representative for Aceto	Date Octobe	er 30, 2009

Form Approved OMB No. 2070-0060



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

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		DATA MATRIX			
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Aceto Agricultural Chemicals Corp One Hollow Lane Lake Success, NY 11042		Bifenthrin Technical			
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
875.1100	Dermal Outdoor Exposure	Cite-All		PAY	
375.1200	Dermal Indoor Exposure	Cite-All		PAY	<u> </u>
375.1300	Inhalation Outdoor Exposure	Cite-All		PAY	
875.1400	Inhalation Indoor Exposure	Cite-All		PAY	
875.2100	Dislodgeable Foliar Residue	Cite-All		PAY	
375.2200	Soil Residue Dissipation	Cite-All		PAY	
375.2300	Indoor Surface Residue Dissipation	Cite-All		PAY	\
875.2400	Dermal Exposure	Cite-All		PAY	
875.2500	Inhalation Exposure	Cite-All		PAY	
335.2120 (161-1)	Hydrolysis	Cite-All		PAY	-
835.2240 (161-2)	Photodegradation in Water	Cite-All		PAY	
835.2410 (161-3)	Photodegradation on Soil	Cite-All		PAY	<u> </u>
835.4100 (162-1)	Aerobic Soil Metabolism	Cite-AII		PAY	
835.4200 (162-2)	Anaerobic Soil Metabolism	Cite-AII		PAY	
835.4400 (162-3)	Anaerobic Aquatic Metabolism	Cite-All		PAY	<u> </u>
835.4300 (162-4)	Aerobic Aquatic Metabolism	Cite-All		PAY	

Signature	211 01	Name and Title	Date
	ANSWA .	John F. Wright, Authorized Representative for Aceto	October 30, 2009



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Applicant's/Registrant's Name & Address Aceto Agricultural Chemicals Corp One Hollow Lane Lake Success, NY 11042		Product Bifenthrin Technical				
Ingredient: Bifenthrin						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter		Status	Note
835.1230, 835.1240 (163-1)	Leaching and Adsorption/Desorption	00141203 (AC 254401)			OLD	See endnote ^{vi}
		00132541 (AC 251728)			OLD	
835.1410 (163-2)	Volatility - Laboratory	Cite-All			PAY	
835.8100	Volatility – Field					Not required
835.6100 (164-1)	Terrestrial Field Dissipation Study	Cite-All			PAY	
835.6200 (164-2)	Aquatic (Sediment) Field Dissipation Study					Not required
835.6300 (164-3)	Forestry Field Dissipation Study				-	Not required
860.1100 (171-2)	Chemical Identity	Volume 2				
860.1200 (171-3)	Directions for Use	See label				
860.1300 (171-4(a))	Nature of the Residue in Plants	Cite-All			PAY	
860.1300 (171-4(b))	Nature of the Residue in Livestock	Cite-All			PAY	

Signature	00	Name and Title	Date
A A	Men	John F. Wright, Authorized Representative for Aceto	October 30, 2009



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Applicant's/Registrant's Name & Address Aceto Agricultural Chemicals Corp One Hollow Lane Lake Success, NY 11042		Product			
		Bifenthrin Technical			
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1340 (171-4(c), (d))	Residue Analytical Methods	40257903 41492608 41858110 42357104 42357105 42733401 00163078 40257905 40384407 40384409 40384411 42927802 43641801 44165201 44455501 44455502 45377301 45350910	FMC Corp. Agricultural Products Group FMC Corp. Agricultural Products Group FMC Corp. Agricultural Products Group FMC Corp. Agricultural Products Group FMC Corp. Agricultural Products Group	OLD	See endnote ^{vii}
830.1360	Multiresidue Method	40257907 42357101		OLD OLD	See endnote ^{viii}
Signature	Skright	Name and Title John F. Wrigh	nt, Authorized Representative for Aceto	Date Octobe	r 30, 2009



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Applicant's/Registrant's Name & Address Aceto Agricultural Chemicals Corp One Hollow Lane Lake Success, NY 11042		Product Bifenthrin Technical			
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1380 (171-4(e)) 860.1400 (171-4(f))	Storage Stability Nature and Magnitude of the Residue - Water,	Cite-All		PAY	Not required ^{ix}
860.1460	Fish and Irrigated Crops Magnitude of the Residue in Plants – Food Handling	:4			Not required ^x
860.1480 (171-4(j))	Magnitude of the Residue in Meat, Milk, Poultry, and Eggs	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Artichokes	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Beets, Garden		See root and tuber vegetables		
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Brassica vegetables (5A and 5B)	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Caneberries	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Canola	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Cilantro	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Citrus	Cite-All	301 0016	PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Coriander	Cite-All		PAY	
Signature	Mush	Name and Title John F. Wrigh	nt, Authorized Representative for Aceto	Date Octobe	er 30, 2009



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Date: October 30, 2009 Applicant's/Registrant's Name & Address Aceto Agricultural Chemicals Corp One Hollow Lane Lake Success, NY 11042			EPA Reg. No./File Symbol: 2749-XXX	Page 1	10 of 19
			Product Bifenthrin Technical		
Ingredient: Bifenthrin			•		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Corn	40257908 41858103 41858108 41894602 41804603 44620602 44805701	FMC Corp. Agricultural Products Group FMC Corp. Agricultural Products Group	OLD OLD OLD OLD OLD PAY PAY	See endnote ^{xi}
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Cotton	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Crambe	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Cucurbits	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants – Fruiting Vegetables	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Grapes	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Herbs (19A)	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Legume Vegetables	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Lettuce	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Mayhaw	Cite-All		PAY	
Signature	Awht	Name and Title John F. Wrigh	nt, Authorized Representative for Aceto	Date Octobe	er 30, 2009



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Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Okra	Cite-All		PAY	
360.1500 (171-4(k))	Magnitude of the Residue in Plants - Peanut	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Pear	45377302	FMC Corp. Agricultural Products Group	PAY	
		45377303	FMC Corp. Agricultural Products Group	PAY	
360.1500 (171-4(k))	Magnitude of the Residue in Plants - Radish		See root and tuber vegetables		
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Rapeseed		See canola		
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Root and Tuber Vegetables	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Soybean	Cite-All		PAY	
360.1500 (171-4(k))	Magnitude of the Residue in Plants - Spinach	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Strawberry	Cite-All		PAY	
360.1500 (171-4(k))	Magnitude of the Residue in Plants - Tobacco	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Tree	00151439		OLD	
	Nuts	00162836		OLD	
		41492604		OLD	
		45377305	FMC Corp. Agricultural Products Group	PAY	
g.			-		
Signature	01, 00	Name and Title		Date	
	(to 1 , 1 , 1	John F Wrigh	t, Authorized Representative for Aceto	Octobe	r 30, 2009



	DAT	A MATRIX			
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Date: October 30, 2009			EPA Reg. No./File Symbol: 2749-XXX	Page 1	12 of 19
Applicant's/Registrant's Name & Address Aceto Agricultural Chemicals Corp One Hollow Lane Lake Success, NY 11042		Product Bifenthrin Technical			
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Tuberous and Corm Vegetables	Cite-All		PAY	
860.1500 (171-4(k))	Magnitude of the Residue in Plants - Turnip Greens	Cite-All		PAY	
860.1520 (171-4(I))	Magnitude of the Residue in Plants in Processed Food or Feed – Canola	Cite-All		PAY	
860.1520 (171-4(I))	Magnitude of Residue in Processed Food/Feed – Citrus	Cite-All		PAY	
860.1520 (171-4(I))	Magnitude of Residue in Processed Food/Feed – Corn	40257908 41858103 41858108 41894602 41804603 44620602 44805701	FMC Corp. Agricultural Products Group FMC Corp. Agricultural Products Group	OLD OLD OLD OLD OLD PAY PAY	See endnote ^{xii}
860.1520 (171-4(I))	Magnitude of Residue in Processed Food/Feed – Cotton	Cite-All		PAY	
860.1520 (171-4(I))	Magnitude of Residue in Processed Food/Feed – Fruiting Vegetables	Cite-All		PAY	
Signature	Abylit	Name and Title John F. Wrigh	nt, Authorized Representative for Aceto	Date Octobe	er 30, 2009



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Ingredient: Bifenthrin			AND		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	1 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5				
860.1520 (171-4(I))	Magnitude of Residue in Processed Food/Feed – Legume Vegetables	Cite-All		PAY	
860.1520 (171-4(I))	Magnitude of Residue in Processed Food/Feed – Peanuts	Cite-All		PAY	
860.1520 (171-4(I))	Magnitude of Residue in Processed Food/Feed – Root & Tuber Vegetables	Cite-All		PAY	
860.1520 (171-4(I))	Magnitude of Residue in Processed Food/Feed – Soybeans	Cite-All		PAY	
860.1850 (165-1)	Confined Crop Rotation Study	Cite-All		PAY	
860.1900 (165-2)	Field Rotational Crop	Cite-All		PAY	
201-1	Droplet Size Spectrum	Cite-All		PAY	
202-1	Droplet Size Spectrum	Cite-All		PAY	
					-
	als Corp will make offers-to-pay to the following 0, 2009 Data Submitters List for Bifenthrin				

Signature	01.00	Name and Title	Date
	Auxus	John F. Wright, Authorized Representative for Aceto	October 30, 2009



	DA	TA MATRIX			
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Applicant's/Registrant's Name & Address Aceto Agricultural Chemicals Corp One Hollow Lane Lake Success, NY 11042			Product Bifenthrin Technical	•	
Ingredient: Bifenthrin			I .		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
Allerdon mais (a construction of the construct	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Nufarm Americas Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		The Scotts Company d/b/a The Ortho Group	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		FMC Corp. Agricultural Products Group	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Bayer Environmental Science	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		The Scotts Company	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		McLaughlin Gormley King Co	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Fuller System, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		SC Johnson & Son, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		AMVAC Chemical Corporation	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Helena Chemical Co.	PAY	
Signature	Abrild	Name and Title John F. Wrigh	nt, Authorized Representative for Aceto	Date Octobe	r 30, 2009



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Applicant's/Registrant's Name & Address Aceto Agricultural Chemicals Corp			Product	•	
One Hollow Lane Lake Success, NY 1	1042		Bifenthrin Technical		
ngredient: Bifenthrin					
Suideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
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	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Southern States Cooperative, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Nippon Soda Co. Ltd.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		The Andersons Lawn Fertilizer Division	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Sunniland Corporation	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Lesco Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Makhteshim Chemical Works Ltd.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Loveland Products, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Howard Fertilizer & Chemical Co., Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Albaugh, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		BASF Sparks LLC	PAY	
ignature	Calulat	Name and Title John F. Wrigh	nt, Authorized Representative for Aceto	Date Octobe	er 30, 2009



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Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Control Solutions, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Arizona Chemical Group, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Pyrethroid Working Group	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Makhteshim-Agan of North America,	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Arysta Lifescience North America	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Spray Drift Task Force	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Bengal Products Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		United Phosphorus, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Outdoor Residential Exposure Task Force	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Agricultural Reentry Task Force	PAY	
Signature	Hugh	Name and Title John F. Wrigh	nt, Authorized Representative for Aceto	Date Octobe	er 30, 2009



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ngredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Sapstain Industry Group	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Nondietary Exposure Task Force	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Univar USA Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		FIFRA Endangered Species Task Force	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Residential Exposure Joint Venture	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Atex, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Agricultural Handlers Exposure Task Force	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Osmose Utilities Services, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Ensystex II, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		J. Oliver Products, LLC	PAY	
Signature	Aust	Name and Title John F. Wrigh	nt, Authorized Representative for Aceto	Date October 3	0, 2009



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Aceto Agricultural Che One Hollow Lane Lake Success, NY 11	,		Bifenthrin Technical		
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		AXSS USA, LLC	PAY	
*	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Ensystex IV, Inc.	PAY	
	Cite-All under Selective Method utilized by Aceto Agricultural Chemicals Corp		Generic Endangered Species Task Force	OWN	

Signature	0.00	Name and Title	Date
Q	& What	John F. Wright, Authorized Representative for Aceto	October 30, 2009

^{870.600 (81-8) -} The study cited is listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. This is also reiterated in an April 2, 2008 HED memo (D379758).

^{II} 870.3200 (82-2) — The studies cited are listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. This is also reiterated in an April 2, 2008 HED memo (D379758).

ⁱⁱⁱ 870.6200 (82-5) – The study cited is listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. This is also reiterated in an April 2, 2008 HED memo (D379758).

^{*870.6300 -} The study cited is listed in an April 2, 2008 HED memo (D379758) as being acceptable and fully satisfying the data requirement..

^{870.7800 –} Immunotoxicity is a new OPPTS data requirement. No data have been submitted to support this data requirement and it is assumed these data do not need to be submitted until all bifenthrin registrants are required to submit data for this data requirement.



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Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

Signature	- 10 0 1	Name and Title	Date
	OR What	John F. Wright, Authorized Representative for Aceto	October 30, 2009

^{835.1230, 835.1240 (163-1) —} The studies cited were considered acceptable and satisfied the data requirement as per an EPA memo dated Feb. 12, 1988. There have been no other leaching and adsorption/desorption studies conducted with technical bifenthrin. This was also stated in a June 19, 1987 Dynamac memo.

^{vii} 860.1340 (171-4(c), (d)) - The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230). 45377301 and 45350910 were cited to support use on citrus and tree nuts, respectively.

viii 860.1360 - The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).

^{ix} 860.1400 - These data are not required as per an EPA memo dated Oct. 17, 2002.

^{* 860.1460 –} These data are not required as per an EPA memo dated Oct. 17, 2002. In addition, Bifenthrin Technical is not labeled for formulation into end-use products for use in food handling establishments.

xi 860.1520 - Corn - The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).

xii 860.1500 - Corn - The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).



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		DATA MATRIX			
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		Product Bifenthrin Technical			
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				PAY	Not Applicable
					Not Applicable
					Not Applicable
Signature	Hugh	Name and Title John F. Wrigh	t, Authorized Representative for Aceto	Date Octobe	er 30, 2009



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Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
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				PAY	Not Applicable
					See 870.7550
					See 870.7550
				PAY	

Signature

Name and Title

John F. Wright, Authorized Representative for Aceto

October 30, 2009



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		Product Bifenthrin Technical			
Ingredient: Bifenthrin					314
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
					See 870.7840
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		MALE INVESTIGATION		PAY	
Signature	Herely	Name and Title John F. Wrigh	t, Authorized Representative for Aceto	Date Octobe	er 30, 2009



Signature

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY 401 M Street, S.W. WASHINGTON, D.C. 20460

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		Product Bifenthrin Technical			
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			FMC Corp. Agricultural Products Group	PAY	See endnote
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			The second secon	PAY	

Name and Title

John F. Wright, Authorized Representative for Aceto

Date

October 30, 2009



		DATA MATRIX			
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Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

	FMC Corp. Agricultural Products Group	OLD PAY	See endnote"
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	FMC Corp. Agricultural Products Group	PAY	See endnote"
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	FMC Corp. Agricultural Products Group	PAY	See endnote ^{iv}
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			See endnote ^v
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Signature 2 1	Name and Title	Date
AWX	John F. Wright, Authorized Representative for Aceto	October 30, 2009



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Applicant's/Registrant's Name & Address Aceto Agricultural Chemicals Corp One Hollow Lane Lake Success, NY 11042		Product Bifenthrin Technical			
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
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Signature	Name and Title	Date
John	John F. Wright, Authorized Representative for Aceto	October 30, 2009



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		Product Bifenthrin Technical			
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				OLD	See endnote ^{vi}
				PAY	ļ.,
				PAY	Not required
					Not required
				PAY	

Solin 1. Whight, Additionized Representative for Aceto Cotober 50, 2009	Signature	Name and Title John F. Wright, Authorize	d Representative for Aceto Date October 30, 2009
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Applicant's/Registrant's Name & /	Address		Product		
Aceto Agricultural Chemicals Corp One Hollow Lane Lake Success, NY 11042			Bifenthrin Technical		
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
		STATE OF STATE		OLD	See

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FMC Corp. Agricultural Products Group FMC Corp. Agricultural Products Group	PAY	
FMC Corp. Agricultural Products Group	OLD	See
	OLD	endnote ^{viii}

Signature

Name and Title

John F. Wright, Authorized Representative for Aceto

Date

October 30, 2009



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Applicant's/Registrant's Name & Address Aceto Agricultural Chemicals Corp One Hollow Lane Lake Success, NY 11042			Product Bifenthrin Technical		
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note

	PAY	
		Not required ^{ix}
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See root and tuber vegetables		
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Signature	110 , 12	Name and Title	Date
	A CYLLE	John F. Wright, Authorized Representative for Aceto	October 30, 2009



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Date: October 30, 2009			EPA Reg. No./File Symbol: 2749-XXX		0 of 19
Applicant's/Registrant's Name & Address Aceto Agricultural Chemicals Corp One Hollow Lane Lake Success, NY 11042			Product Bifenthrin Technical		
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			FMC Corp. Agricultural Products Group FMC Corp. Agricultural Products Group	OLD OLD OLD PAY PAY	
				PAY	

Signature

Name and Title

John F. Wright, Authorized Representative for Aceto

October 30, 2009

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DATA MATRIX							
Date: October 30, 2009			EPA Reg. No./File Symbol: 2749-XXX	Page 1	1 of 19		
Applicant's/Registrant's Name & Address Aceto Agricultural Chemicals Corp One Hollow Lane Lake Success, NY 11042		Product Bifenthrin Technical					
Ingredient: Bifenthrin							
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note		
				PAY			
				PAY			
			FMC Corp. Agricultural Products Group	PAY			
			FMC Corp. Agricultural Products Group	PAY			
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			FMC Corp. Agricultural Products Group	OLD OLD OLD PAY			
Signature	Abolit	Name and Title John F. Wrigh	nt, Authorized Representative for Aceto	Date Octobe	r 30, 2009		



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Applicant's/Registrant's Name & Address Aceto Agricultural Chemicals Corp One Hollow Lane Lake Success, NY 11042		Product Bifenthrin Technical			
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				PAY	
				PAY	
			FMC Corp. Agricultural Products Group FMC Corp. Agricultural Products Group	OLD OLD OLD OLD OLD PAY PAY	See endnote ^{xii}
				PAY	
Signature	Hught	Name and Title John F. Wrigh	nt, Authorized Representative for Aceto	Date Octobe	r 30, 2009



collection of information, including su Washington, DC 20460. Do not send	uggestions for reducing the burden to: Director, OPPE Inform d the completed form to this address.	ation Management	Division (2137), U.S. Environmental Protection A	Agency, 401 M S	Street, S.W.,
	DATA	A MATRIX			
Date: October 30, 2009			EPA Reg. No./File Symbol: 2749-XXX	Page 1	3 of 19
Applicant's/Registrant's Name & Add Aceto Agricultural Cher One Hollow Lane Lake Success, NY 110	micals Corp		Product Bifenthrin Technical		
Ingredient: Bifenthrin					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
				PAY PAY PAY PAY PAY PAY PAY	
Signature	Aught	Name and Title John F. Wrigh	t, Authorized Representative for Aceto	Date Octobe	r 30, 2009

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Date: October 30, 2009

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dress		Product		
micals Corp 142		Bifenthrin Technical		
Guideline Study Name	MRID Number	Submitter	Status	Note
		Nufarra American Inc	DAY	
		Nularm Americas Inc.	PAY	
		The Scotts Company d/b/a The Ortho Group	PAY	
		FMC Corp. Agricultural Products Group	PAY	
		Bayer Environmental Science	PAY	
		The Scotts Company	PAY	
		McLaughlin Gormley King Co	PAY	
		Fuller System, Inc.	PAY	
		SC Johnson & Son, Inc.	PAY	
		AMVAC Chemical Corporation	PAY	
		Helena Chemical Co.	PAY	
01.	Name and Title		Date	
	micals Corp 42	Guideline Study Name MRID Number	Bifenthrin Technical Guideline Study Name MRID Number Submitter Nufarm Americas Inc. The Scotts Company d/b/a The Ortho Group FMC Corp. Agricultural Products Group Bayer Environmental Science The Scotts Company McLaughlin Gormley King Co Fuller System, Inc. SC Johnson & Son, Inc. AMVAC Chemical Corporation Helena Chemical Co.	Bifenthrin Technical Guideline Study Name MRID Number Submitter Status Nufarm Americas Inc. PAY The Scotts Company d/b/a The Ortho Group FMC Corp. Agricultural Products Group PAY Bayer Environmental Science PAY The Scotts Company PAY McLaughlin Gormley King Co PAY Fuller System, Inc. PAY SC Johnson & Son, Inc. PAY AMVAC Chemical Corporation PAY Helena Chemical Co. PAY

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A - I' - II I'D - I - II - N - O A I I	Date: October 30, 2009		LFA Reg. No./File Symbol. 2/48-XXX	Page 1	5 of 19	
Applicant's/Registrant's Name & Add Aceto Agricultural Chen One Hollow Lane Lake Success, NY 1104	micals Corp		Product Bifenthrin Technical			
Ingredient: Bifenthrin						
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note	

	Southern States Cooperative, Inc.	PAY
	Nippon Soda Co. Ltd.	PAY
	The Andersons Lawn Fertilizer Division	PAY
	Sunniland Corporation	PAY
	Lesco Inc.	PAY
	Makhteshim Chemical Works Ltd.	PAY
	Loveland Products, Inc.	PAY
	Howard Fertilizer & Chemical Co., Inc.	PAY
	Albaugh, Inc.	PAY
	BASF Sparks LLC	PAY
Signature	Name and Title John F. Wright, Authorized Representative for Aceto	Date October 30, 2009

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DATA MATRIX

Date: October 50, 2005			El A Reg. No./ lie dyllibol. 2740-7000	1 age	0 01 13
Applicant's/Registrant's Name & A Aceto Agricultural Cl One Hollow Lane Lake Success, NY 1	hemicals Corp		Product Bifenthrin Technical		
Ingredient: Bifenthrin			1		- H
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			Control Solutions, Inc.	PAY	Ι
			Arizona Chemical Group, Inc.	PAY	
			Pyrethroid Working Group	PAY	
			Makhteshim-Agan of North America, Inc.	PAY	
			Arysta Lifescience North America	PAY	
			Spray Drift Task Force	PAY	
			Bengal Products Inc.	PAY	
			United Phosphorus, Inc.	PAY	
			Outdoor Residential Exposure Task Force	PAY	
			Agricultural Reentry Task Force	PAY	
Signature	Awlt	Name and Title John F. Wrigh	nt, Authorized Representative for Aceto	Date Octobe	r 30, 2009

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EPA Reg. No./File Symbol:

Form Approved OMB No. 2070-0060



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Applicant's/Registrant's Name & Aceto Agricultural C One Hollow Lane Lake Success, NY	hemicals Corp		Product Bifenthrin Technical		
Ingredient: Bifenthrin					

		Sapstain Industry Group	PAY
		Nondietary Exposure Task Force	PAY
		Univar USA Inc.	PAY
	对市场建筑的 企业和企业	FIFRA Endangered Species Task Force	PAY
		Residential Exposure Joint Venture	PAY
		Atex, Inc.	PAY
		Agricultural Handlers Exposure Task Force	PAY
		Osmose Utilities Services, Inc.	PAY
		Ensystex II, Inc.	PAY
		J. Oliver Products, LLC	PAY
Signature	Athrhat	Name and Title John F. Wright, Authorized Representative for Aceto	Date October 30, 2009



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Applicant's/Registrant's Name & Ad	dress		Product		
Aceto Agricultural Che One Hollow Lane Lake Success, NY 110	*		Bifenthrin Technical		
Ingredient: Bifenthrin			1100		
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Note
			AXSS USA, LLC	PAY	
			Ensystex IV, Inc.	PAY	
	进展开展。	建筑建筑	Generic Endangered Species Task Force	OWN	

Signature	01-01/	Name and Title	Date
	Alylat	John F. Wright, Authorized Representative for Aceto	October 30, 2009

¹ 870.600 (81-8) – The study cited is listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. This is also reiterated in an April 2, 2008 HED memo (D379758).

^{il} 870.3200 (82-2) – The studies cited are listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. The is also reiterated in an April 2, 2008 HED memo (D379758).

^{870.6200 (82-5) —} The study cited is listed in the EPA HED Chapter for the Bifenthrin TRED Dec. 4, 2002 (D283796) as satisfying the data requirement. This is also reiterated in an April 2, 2008 HED memo (D379758).

^{IV} 870.6300 - The study cited is listed in an April 2, 2008 HED memo (D379758) as being acceptable and fully satisfying the data requirement..

^{*870.7800 –} Immunotoxicity is a new OPPTS data requirement. No data have been submitted to support this data requirement and it is assumed these data do not need to be submitted until all bifenthrin registrants are required to submit data for this data requirement.



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Ingredient: Bifenthrin				
Guideline Reference Number Guideline Study Name	MRID Number	Submitter	Status Note	

- xi 860.1520 Corn The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).
- xii 860.1500 Corn The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).

Signature	Name and Title John F. Wright, Authorized Representative for Aceto	October 30, 2009
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^{vi} 835.1230, 835.1240 (163-1) – The studies cited were considered acceptable and satisfied the data requirement as per an EPA memo dated Feb. 12, 1988. There have been no other leaching and adsorption/desorption studies conducted with technical bifenthrin. This was also stated in a June 19, 1987 Dynamac memo.

vii 860.1340 (171-4(c), (d)) - The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230). 45377301 and 45350910 were cited to support use on citrus and tree nuts, respectively.

^{860.1360 -} The data cited are considered acceptable and no additional data are required as per an EPA memo dated Oct. 17, 2002 in support of the TRED for bifenthrin (D286230).

^{ix} 860.1400 – These data are not required as per an EPA memo dated Oct. 17, 2002.

^{* 860.1460 –} These data are not required as per an EPA memo dated Oct. 17, 2002. In addition, Bifenthrin Technical is not labeled for formulation into end-use products for use in food handling establishments.